

FORM PTO-1449 U.S. Department of Commerce Patent and Trademark Office	Docket No. DIVER1240-5	Serial No.: 09/481,733 <i>09/905,173</i>
	Applicant(s): Warren and Swanson <i>Short et al.</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Filing Date: <i>7/12/01</i> January 11, 2000	Group Art Unit: 1652

U.S. PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

EXAM. INITIALS		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION (YES/NO)
<i>ED</i>		EP 0 786 519 A	30.07.97	EPO	—	—	
<i>ED</i>		WO 98 07830 A	26.02.98	PCT	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

		Database WP I Section Ch, Week 198826, Derwent Publications Ltd., London, GB; Class B04, AN 1988-177722, XP002130562; & JP 63 112985 A (Daicel Chem), 18 May 1988 (abstract)
<i>ED</i>		Fernandez-Herrero et al., "glmS of Thermus thermophilus HB8: an essential gene for cell-wall synthesis identified immediately upstream of the S-layer gene," <i>Molecular Microbiology</i> , 17(1):1-12 (July 1995)
<i>ED</i>		Limauro et al., "Cloning and characterization of the histidine biosynthetic gene cluster of Streptomyces coelicolor A3(2)," <i>Gene</i> 90(1):31-41 (May 31, 1990)
<i>ED</i>		Okamoto et al., "An Aspartate Aminotransferase from an Extremely Thermophilic Bacterium, Thermus thermophilus HB8," <i>Journal of Biochemistry</i> , 119(1):135-144 (January 1996)

EXAMINER <i>E. Stoboyan</i>	DATE CONSIDERED <i>6/12/03</i>
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

ED	AC	Sung, Moon-Hee et al., <i>Thermostable Aspartate Aminotransferase from a Thermophilic Bacillus Species</i> , The Journal of Biological Chemistry, Vol. 266, No. 4, Issue of February 5, 1991, pp. 2567-2572.

EXAMINER E. Slobodyan	DATE CONSIDERED 8/12/03
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Form 1449

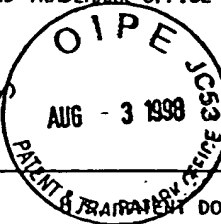
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PATENT AND TRADEMARK OFFICEATTY. DO.
09010/016002SERIAL NO.
09/069,226INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

AUG - 3 1998

APPLICANT:
Warren et al.FILING DATE
04/27/98GROUP
1623

(37 CFR 1.98(b))



PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA												
	AB												
	AC												
	AD												
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	AG												
	AH												
	AI												
	AJ												
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FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER DOCUMENTS (including Author, Title, Date, Place of Publication)

ES	AQ	Wetmur et al., "Cloning, sequencing, and expression of RecA proteins from three distantly related thermophilic eubacteria," <i>J. Biol. Chem.</i> October 14, 1994, Vol. 269, No. 41, pp. 25928-25935
ES	AR	Brown et al., "Root of the universal tree of life based on ancient aminoacyl-tRNA synthetase gene duplications," <i>Proc. Natl. Acad. Sci., USA</i> March, 1995, Vol. 92, No. 7, pp. 2441-2445
ES	AS	Volkl et al., "Genomic and cDNA sequence tags of the hyperthermophilic archaeon <i>Pyrobaculum aerophilum</i> ," <i>Nucleic Acids Res.</i> 1996, Vol. 24, No. 22, pp. 4373-4378

EXAMINER

Elizabeth Slobodanitsky

DATE CONSIDERED

9/3/98

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1445)